6.0 SUMMARY

Electrical items and other solid waste were removed from the three identified areas and associated upland portions from February 14 and March 4, 2002.

The primary objectives of this project included the following:

- Remove the electrical items present in the Columbia River located proximate to the landfill.
- Collect and analyze water column samples from the area surrounding the underwater debris.
- Conduct turbidity monitoring during the removal action from the area surrounding the underwater debris.

The divers located the electrical items and any other solid waste located within the three identified areas. The divers removed all items from these areas assisted by a barge-mounted crane. All waste removed was placed on a materials barge and sorted for disposal purposes. Additionally, solid waste items located upland from Pile # 2 and Pile #1 (primarily wire rope) were removed and placed in the bins on the materials barge. A total of 32 tons of solid waste was removed from the in-water and upland areas. Four 55-gallon drums of PCB containing electrical debris was recovered and seven 55-gallon drums of sediment and water were generated. PCBs as Aroclor 1242 and 1248 were detected in the sediment up to 6,470 mg/kg. The debris and sediment and water were transported off-site by USACE for disposal.

PCBs, as Aroclor 1254, were detected in the water column during the recovery activities up to 0.0218 µg/L (Sample number 07WC) in the particulate phase and 0.0308 µg/L (Sample number 07WC) in the dissolved phase. Additionally, PCBs as Aroclor 1260 were detected at 0.0347 µg/L in the particulate phase.

Approximately 580 turbidity measurements were collected during the sampling and recovery efforts, with the average turbidity of approximately between 5 and 6 NTU. Turbidity during recovery did not exceed the limit set by DEQ of 5 NTU above the previous upcurrent reading.